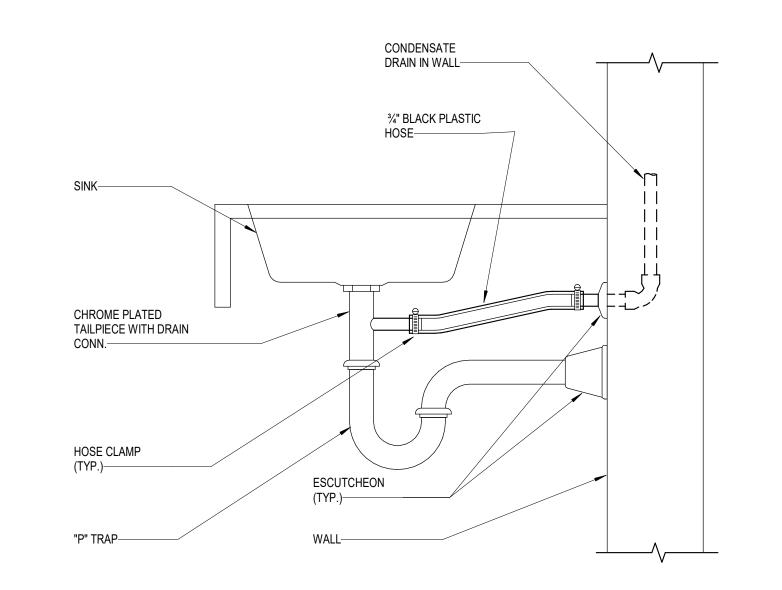
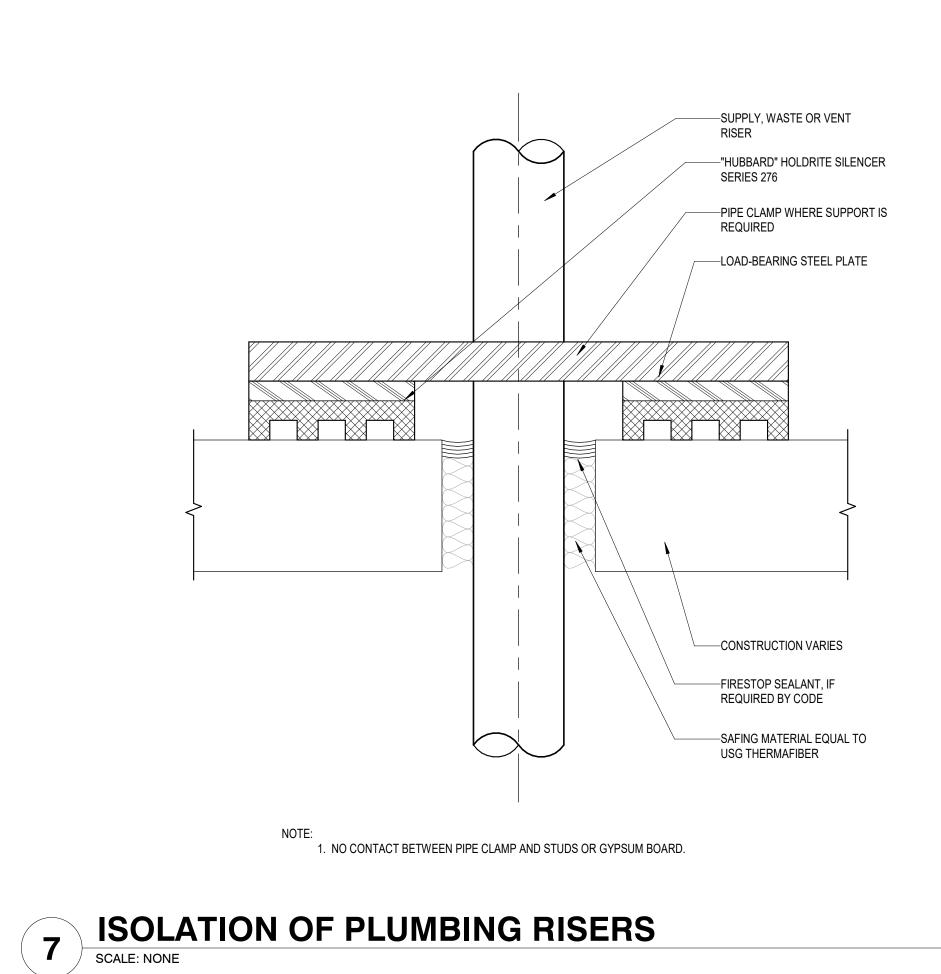
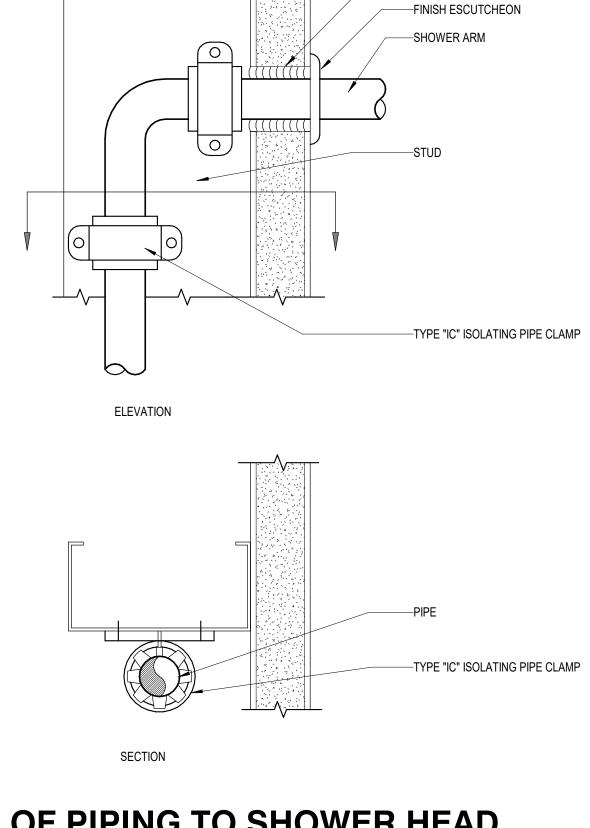


9 SEISMIC GAS VALVE SUPPORT WITH METER ASSEMBLY SCALE: NONE



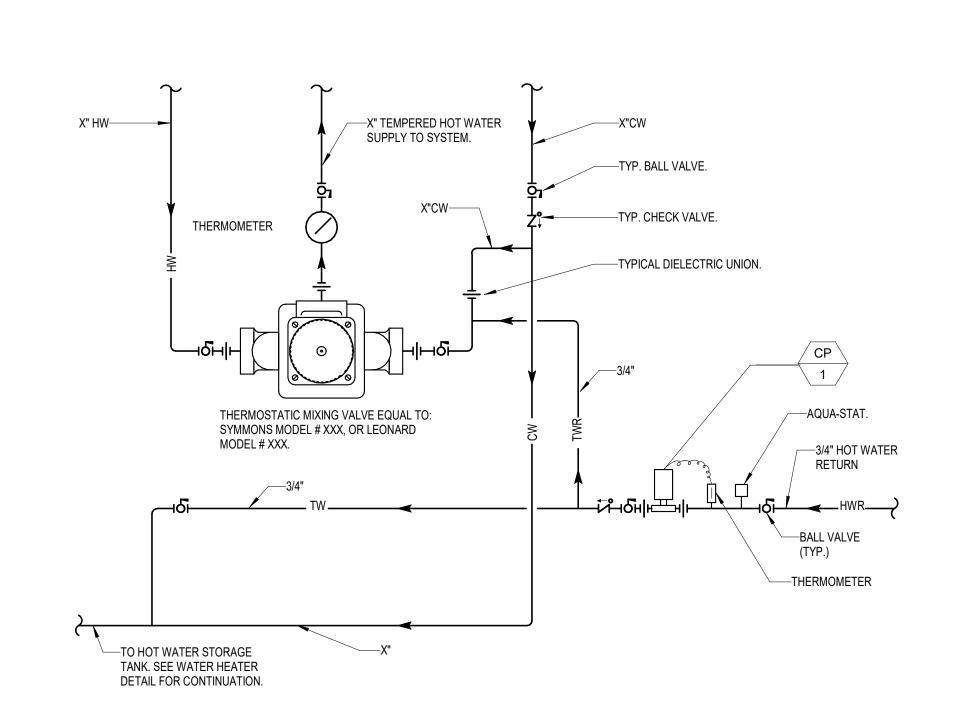
8 CONDENSATE DRAIN TO TAILPIECE SCALE: NONE



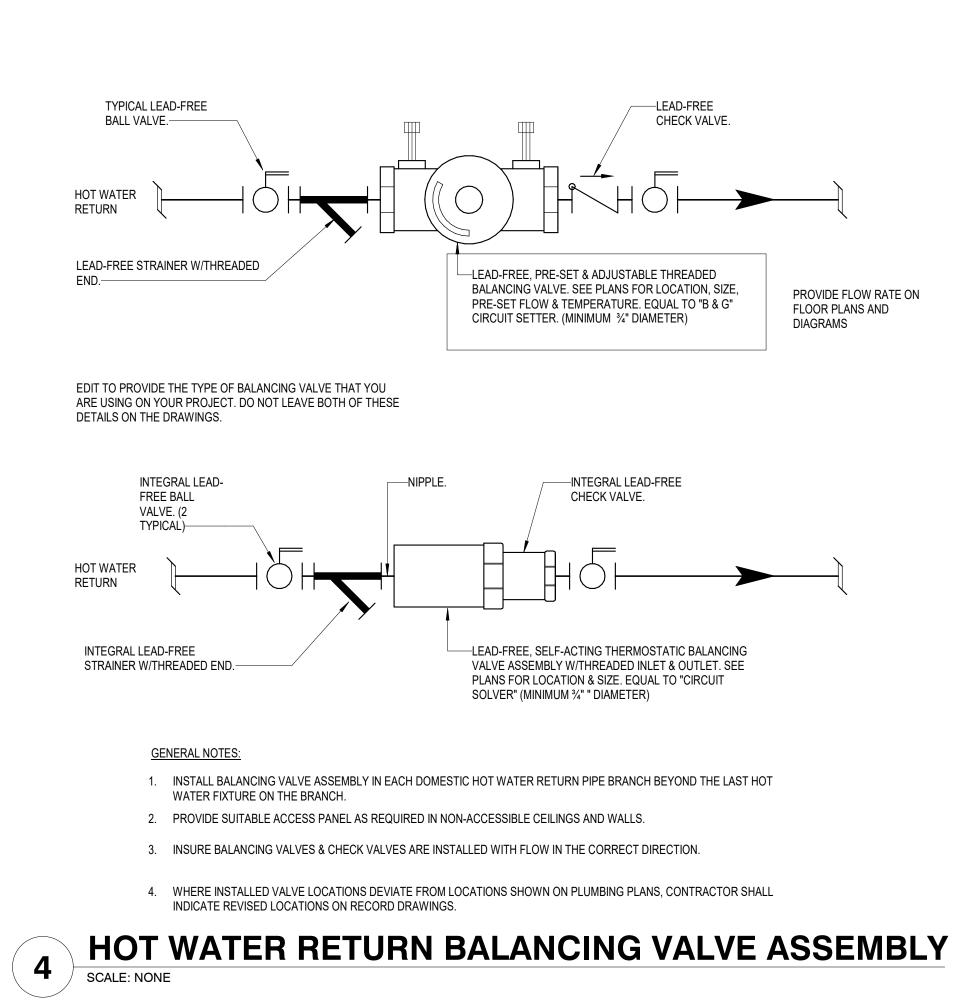


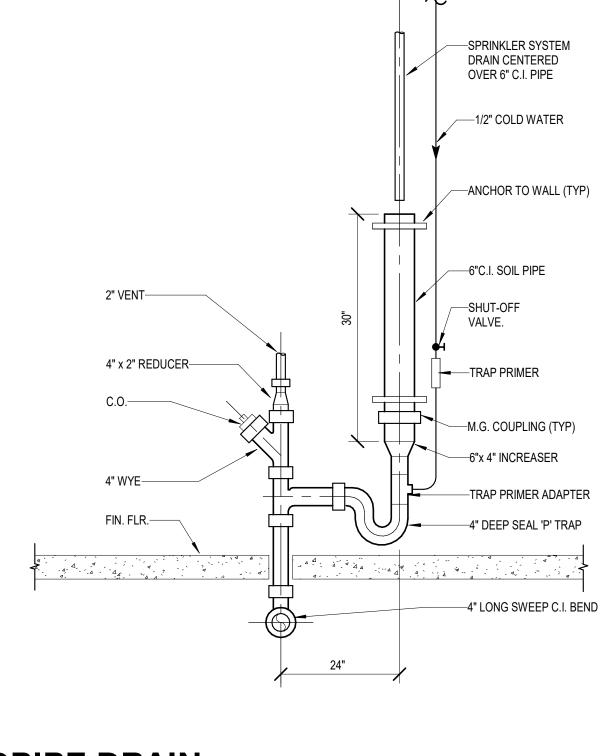
-RESILIENT SEALANT

6 ISOLATION OF PIPING TO SHOWER HEAD SCALE: NONE

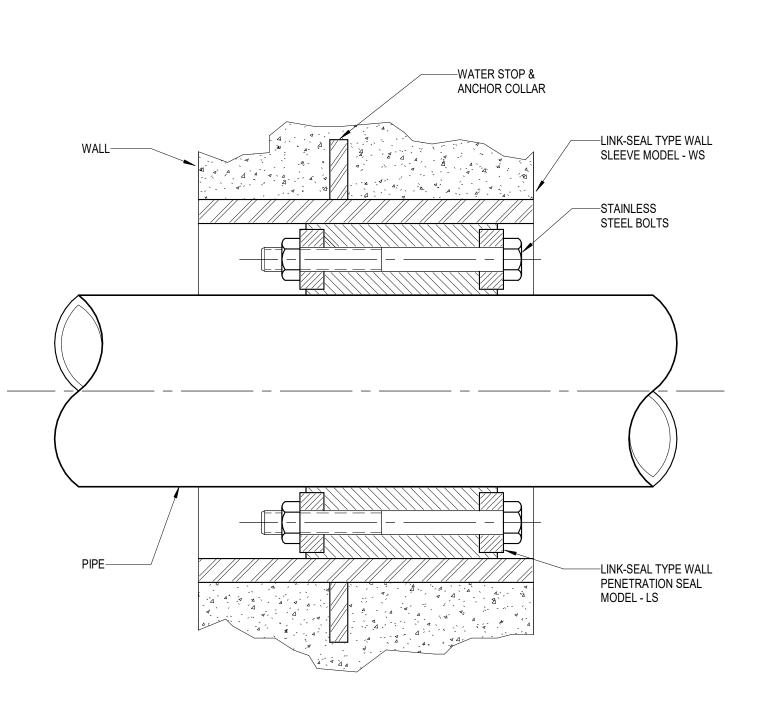


THERMOSTATIC MIXING VALVE (SINGLE TEMPERATURE) SCALE: NONE

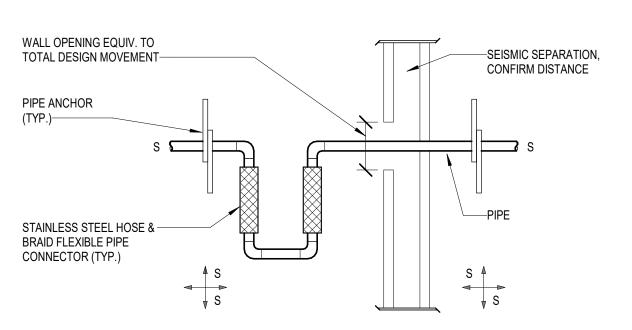












		SE	ISMIC JOI	NT SCHED	DULE					
	COMPONENTS				MINIMU	JM "LIVE L	ENGTH" C	F CONNE	CTORS	
PIPE	FLEXIBLE	END	PIPE SIZES / LIVE LENGTHS (IN.)							
MATERIAL	MATERIAL	FITTINGS	3/4"	1"	1 1/4"	1 ½"	2"	2 ½"	3"	4"
COPPER DWV	BRONZE OR STAINLESS STEEL	COPPER SWEAT	20	21½	22¾	24	26	27½	30	331/4
BLACK STEEL	STAINLESS STEEL	THREADED	20	21½	22¾	24	26	27½	30	331/4

NOTES: 1. FLEXIBLE PIPE CONNECTORS EQUIV. TO 'METRAFLEX' AGA METRALOOP OR EQUAL . 2. PIPE SIZES & CONFIGURATIONS OF PIPING MAY VARY -

VERIFY LAYOUT ON FLOOR PLANS .

3. "LIVE LENGTH" IS BASED ON A 4" MOVEMENT FOR EITHER

4. SUBMIT BROCHURES & SHOP DRAWINGS .

DIRECTIONAL.

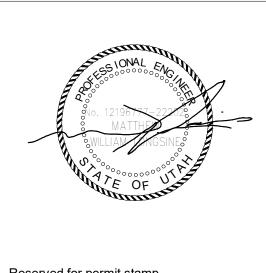
ALL SEISMIC JOINTS SHOULD BE INSPECTED AFTER ANY SEISMIC ACTIVITY OF 4.5 OR LARGER ON THE RICHTER SCALE. 6. CONNECTORS ALLOW TRANSVERSE MOTION ONLY. EACH LOOP MUST HAVE (2) CONNECTORS AT 90° ORIENTATION TO BE ALL-

SEISMIC JOINT

SIDE OF CENTERLINE .

DETAILS P6.01

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project manager_

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CONSTRUCTION

11/18/2022

checked by <u>GM</u>

job no. 2021-0595

date 11/18/2022

Lighting Designer

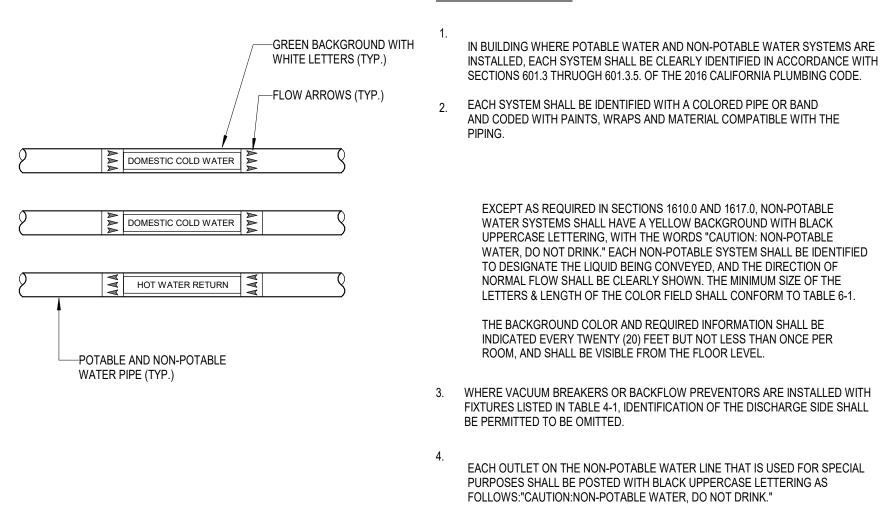
2101 N 34th St Seattle, WA 98103

Seattle, WA 98109

Seattle, WA 98154

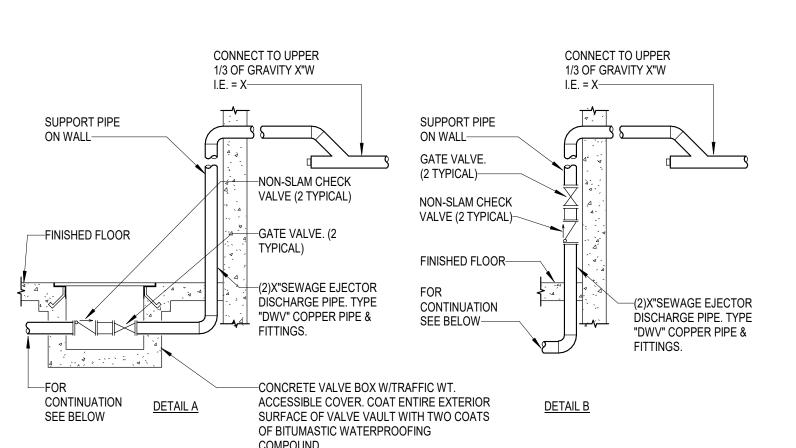
MEP Engineer
WSP USA

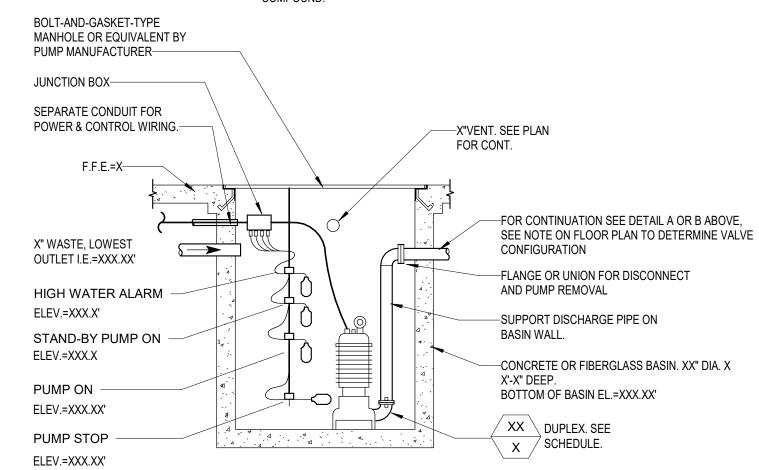
IDENTIFICATION NOTES:



MINIMU	JM LENG ⁻		C, TABLE 601.2.2 OLOR AND) SIZE OF L	ETTERS	
	METER OF PIPE OVERING	_	NGTH OF COLOR IELD	MINIMUM SIZE OF LETTERS		
INCHES	(MM)	INCHES	(MM)	INCHES	(MM)	
½" TO 1 ¼"	(15 TO 32)	8"	(203)	1/2"	(12.7)	
1 ½" TO 2"	(40 TO 50)	8"	(203)	3/4"	(19.1)	
2 ½" TO 6"	(65 TO 150)	12"	(305)	1 1/4"	(32)	
8" TO 10"	(200 TO 250)	24"	(610)	2 ½"	(64)	
OVER 10"	(OVER 250)	32"	(813)	3 ½"	(89)	

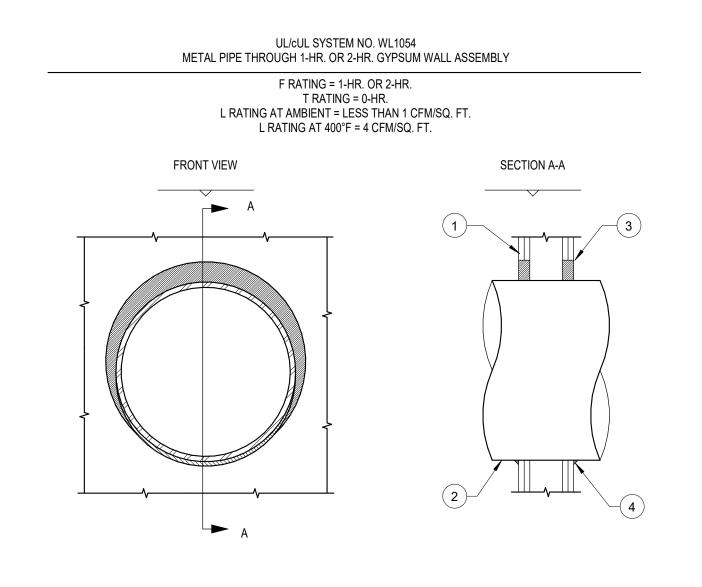
8 PIPE LABELING DETAIL SCALE: NONE

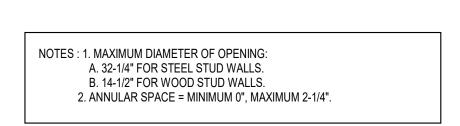




GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
- 2. SUPERVISION FOR INSTALLATION, START-UP AND TESTING TO BE PROVIDED BY MANUFACTURER'S REPRESENTATIVE AS PART OF THE EQUIPMENT PURCHASE CONTRACT.
- 3. THE FLOOR OF THE WET WELL SHALL BE SMOOTH AND LEVEL.
- 4.
 ALL PRACTICES AND PROCEDURES, MATERIALS AND PLACEMENT OF MATERIALS SHALL CONFORM IN EVERY RESPECT TO THE "STANDARD PLANS AND SPECIFICATIONS OF THE LOCAL JURISDICTION PUBLIC WORKS DEPARTMENT."
- 5. COAT ENTIRE INTERIOR OF WET WELL (IF CONCRETE) WITH TWO COATS OF BITUMASTIC WATERPROOFING COMPOUND.
- 6. ALL EXPOSED METAL SURFACES OF PIPE, VALVES, AND FITTINGS SHALL BE COATED PER LOCAL JURISDICTION PUBLIC WORKS DEPARTMENT SPECIFICATIONS.
- 7. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS FOR ENGINEER'S REVIEW & APPROVAL PRIOR TO CONSTRUCTION.
- 8. THE LOWEST INLET SHALL HAVE A MINIMUM CLEARANCE OF 2" FROM THE HIGH WATER ALARM.9. REFER TO THE FLOOR PLAN FOR THE CONTROL PANEL LOCATION.
- 10. THE SEWAGE EJECTOR DISCHARGE LINE SHALL CONNECT TO UPPER 1/3 OF GRAVITY WASTE PIPE THROUGH A WYE BRANCH FITTING.
- 11. THE CONTROL PANEL SHALL INCLUDE BOTH VISUAL & AUDIO ALARM LOCATED IN A READILY ACCESSIBLE AREA TO SIGNAL PUMP FAILURE OR OVERLOAD CONDITION.
- 12. THE BASIN VENT PIPE SHALL EXTEND SEPARATELY THROUGH THE ROOF. SEE PLAN FOR LOCATION.
- 13. THE FLOAT SPACING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE SPACING BETWEEN PUMP 1 START & PUMP 2 START SETS THE MINIMUM PUMP RUN TIME, WHICH SHALL BE A MIN. OF 3 MINUTES.





1. GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR OR 2-HR FIRE-RATING) (2-HR SHOWN).

2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:

A. MAXIMUM 30" NOMINAL DIAMETER STEEL PIPE (SCH 10 OR HEAVIER).

B. MAXIMUM 30" NOMINAL DIAMETER CAST IRON PIPE.

C. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.

D. MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.

E. MAXIMUM 4" NOMINAL DIAMETER EMT.

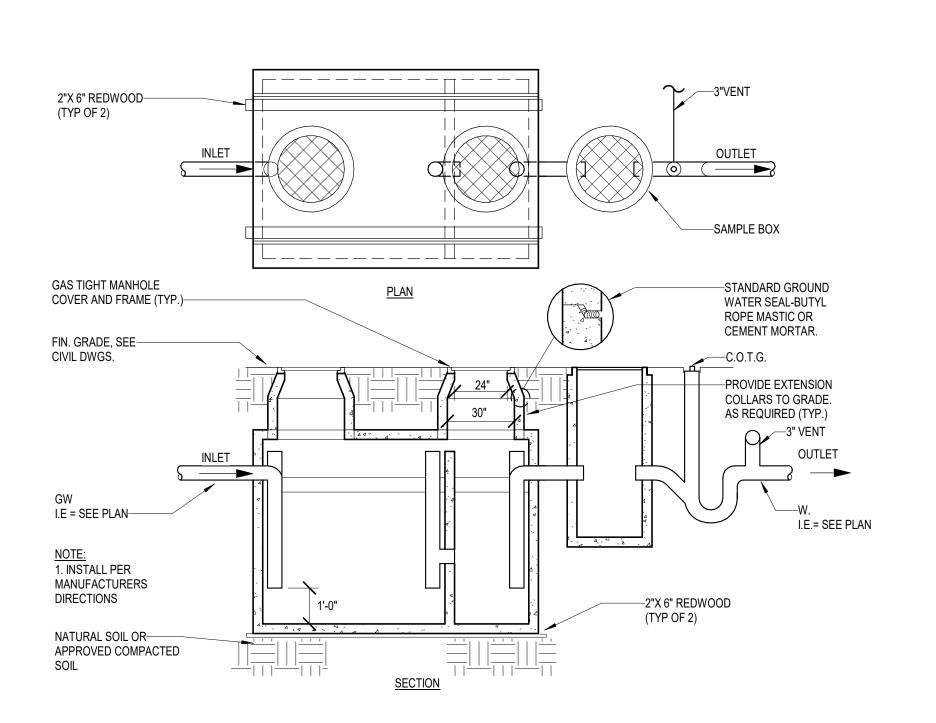
3. HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT:

A. MINIMUM 5/8" DEPTH. FOR A 1-HR FIRE-RATING.

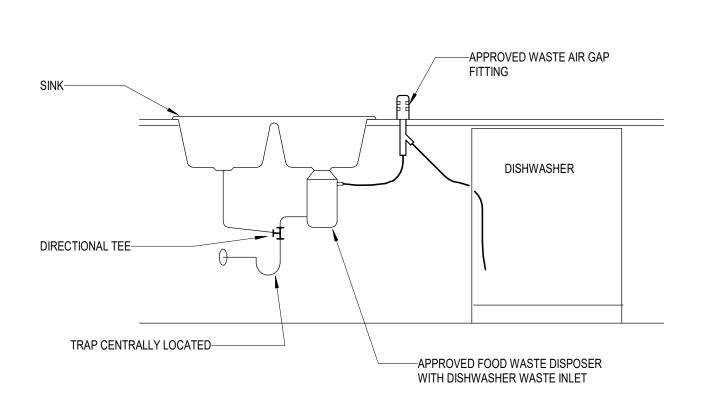
4. MINIMUM 1/2" BEAD HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT.

7 WALL PENETRATION SCALE: NONE

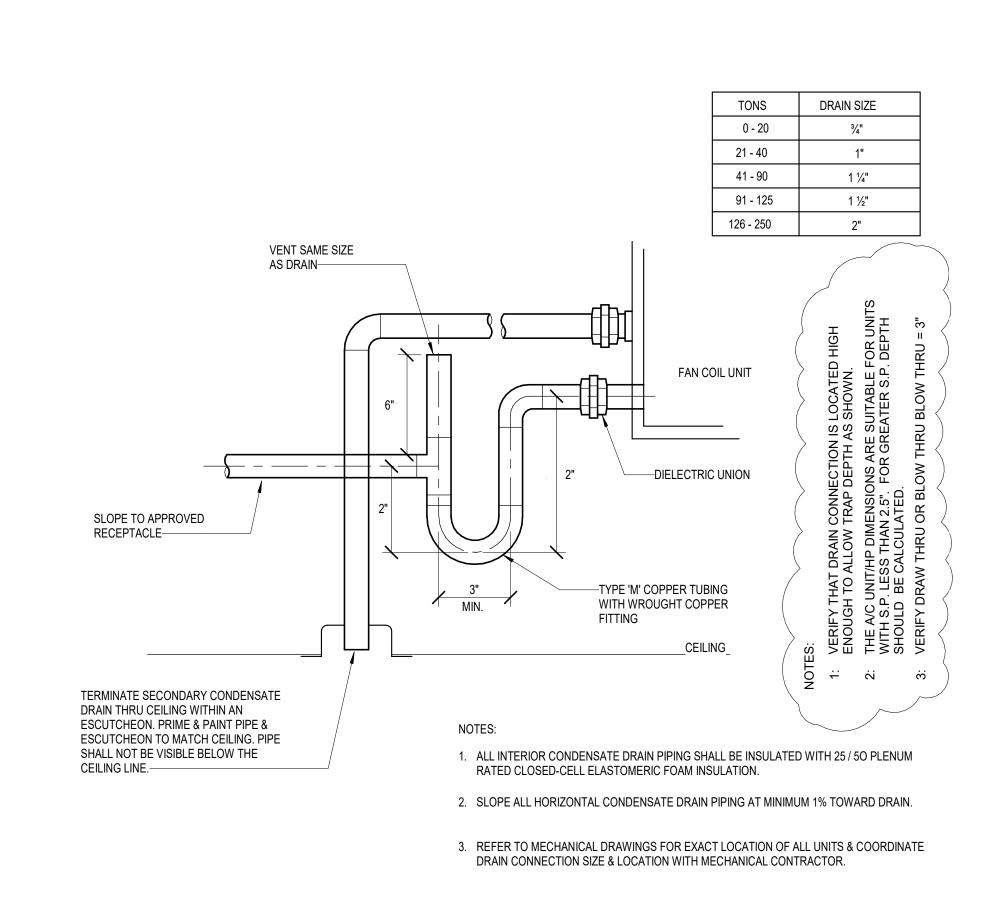
B. MINIMUM 1-1/4" DEPTH, FOR A 2-HR FIRE-RATING.



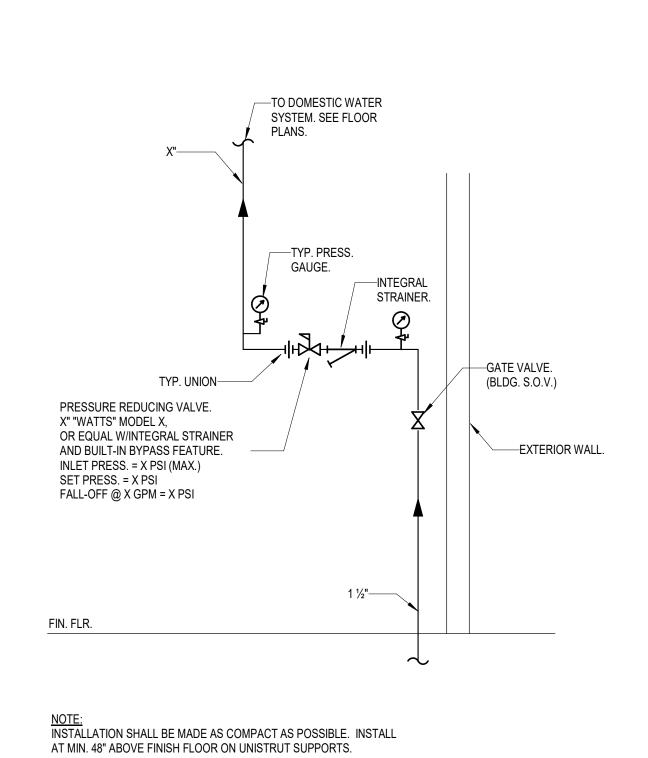
5 GREASE INTERCEPTOR SCALE: NONE



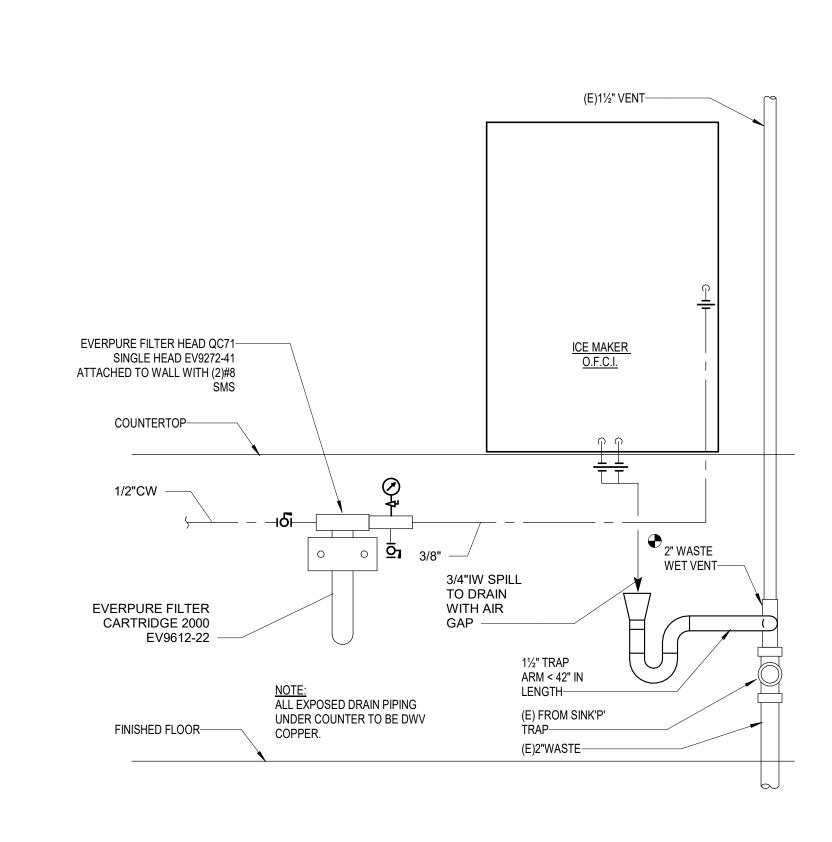




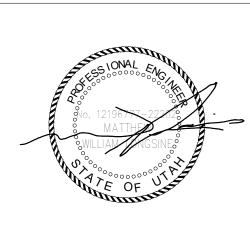
CONDENSATE DRAIN TRAP_OVERFLOW AT CEILING FC UNIT SCALE: NONE



PRESSURE REGULATING VALVE_SMALL SYSTEM SCALE: NONE



ICE MAKER CONNECTIONS



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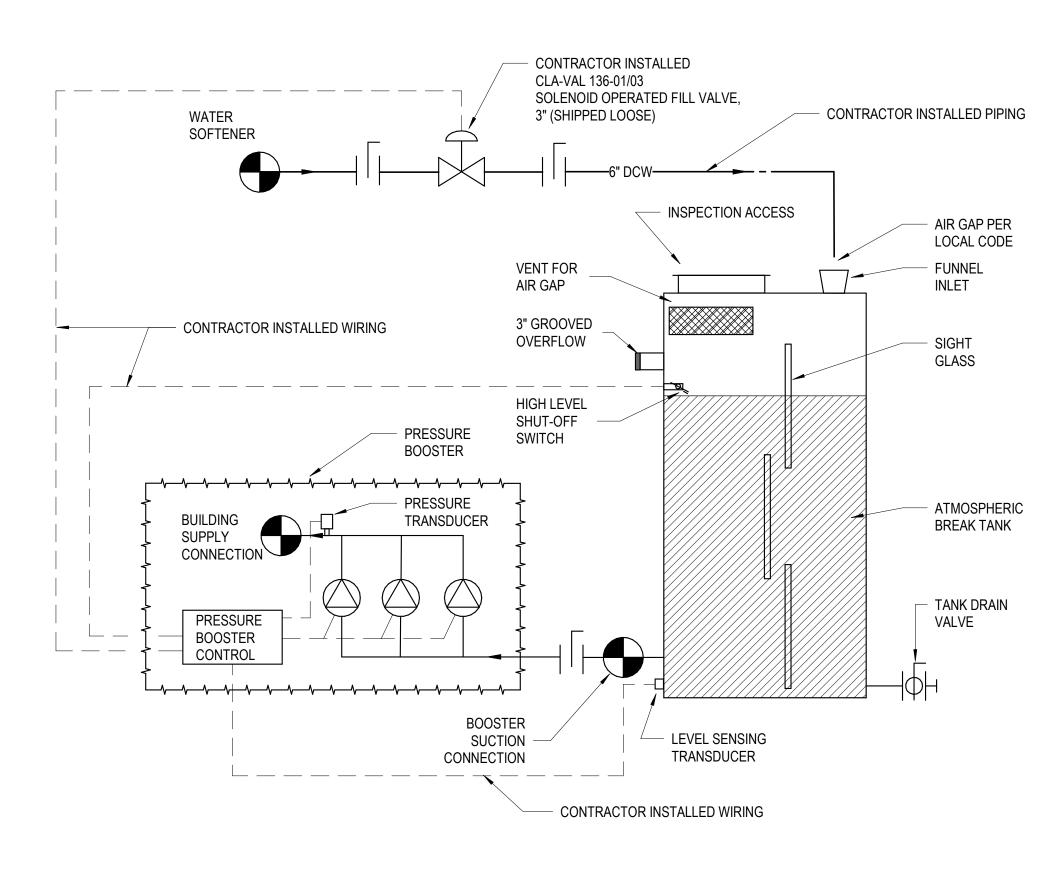
principal architect_		
project manager_		
drawn by _		
checked by	GM	
-	2021-0595	
	11/18/2022	
	11/10/2022	
revisions:		
1 10/05/202 PE	RMIT	
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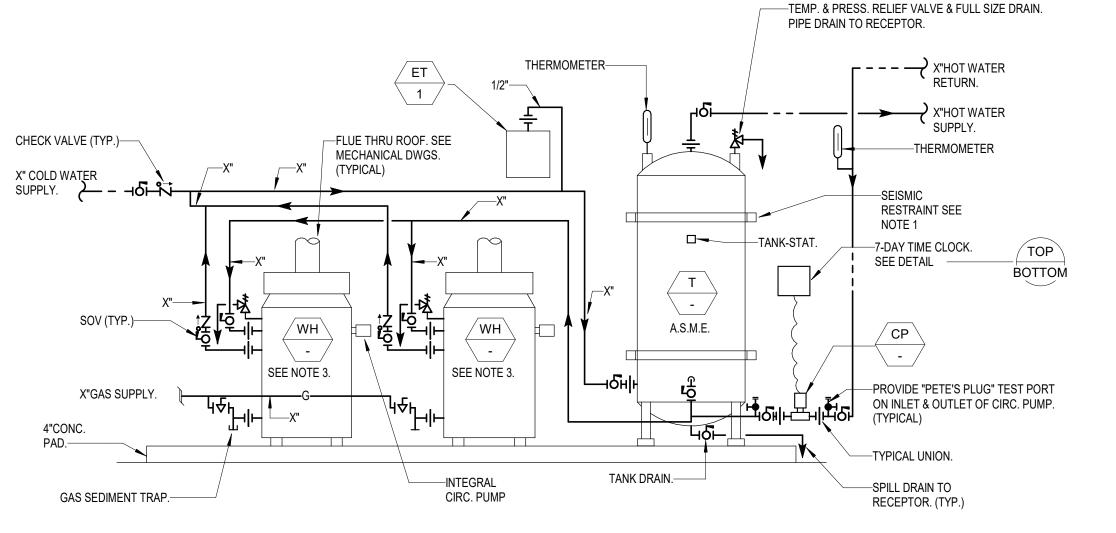
DETAILS

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P6.02



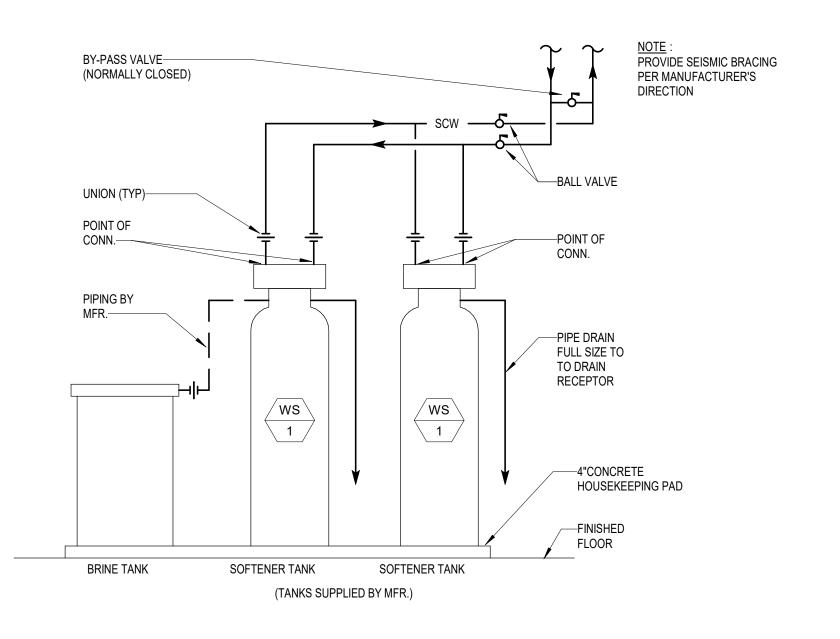
6 DOMESTIC WATER BREAK TANK SCALE: NONE



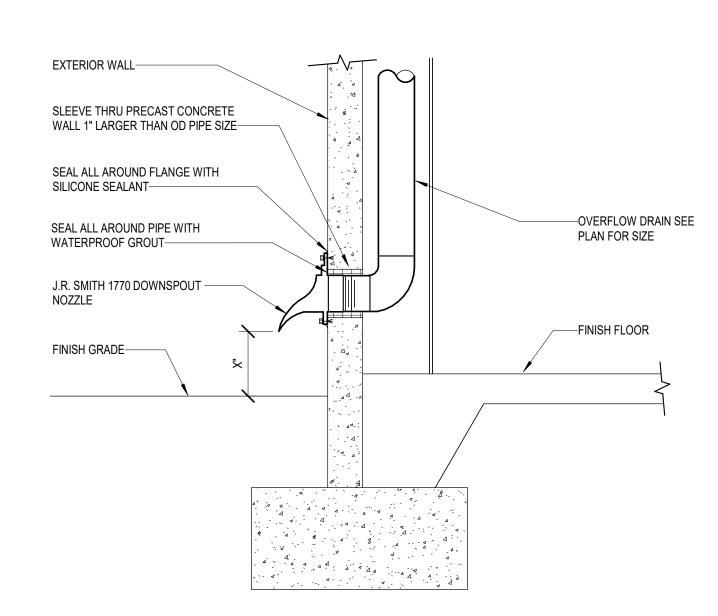
GENERAL NOTES:

- 1. INSTALLATION SHALL BE IN ACCORDANCE WITH WATER HEATER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 2. PROVIDE AND INSTALL 20 GA. X 1-1/4 PROVIDE AND INSTALL 20 GA. X 1 " WIDE GALVANIZED SHEET METAL STRAPS AT UPPER AND LOWER 1/3 OF THE TANK. SECURE STRAPS TO STRUCTURAL STEEL STUDS OR OTHER WALL CONSTRUCTION AND BOLT (3) THREE LEGS TO CONCRETE PAD WITH 5/8" HILTI KBII WITH MINIMUM 3" EMBEDMENT..
- 3. PROVIDE AND INSTALL WATER HEATER MANUFACTURER'S OPTIONAL "SEISMIC FEET" FOR ANCHORING WATER HEATERS TO CONCRETE PAD AT (4) FOUR CORNERS. BOLT WATER HEATERS TO CONCRETE PAD WITH MINIMUM " HILTI KBII W/MINIMUM 3" EMBEDMENT.
- 4. ALL SHUT-OFF VALVES SHALL BE FULL PORT BALL VALVES.
- 5. THE WATER HEATER INTEGRAL CIRCULATING PUMP AND STORAGE TANK CONTROLS SHALL BE INSTALLED AND SHALL OPERATE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 6. CONTRACTOR SHALL ARRANGE FOR START-UP SERVICE BY WATER HEATER FACTORY REPRESENTATIVE.

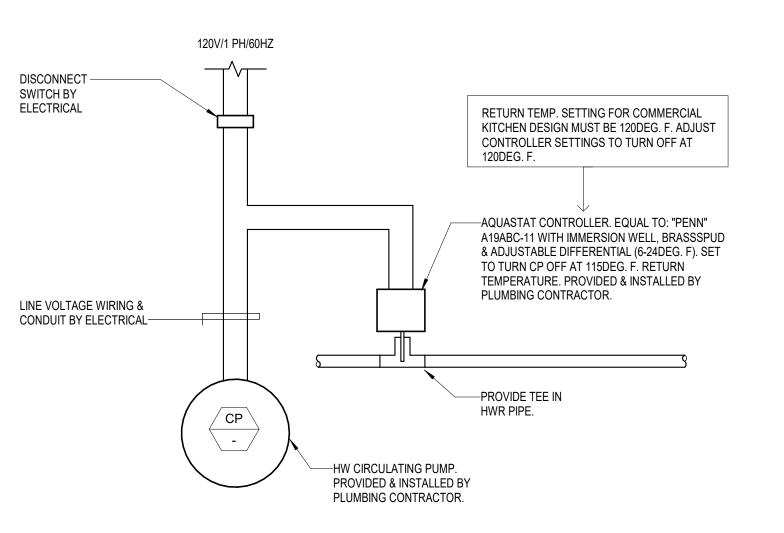
5 DUAL GAS-FIRED WATER HEATER W_VERTICAL TANK DIAGRAM SCALE: NONE



4 DUPLEX WATER SOFTENER
SCALE: NONE

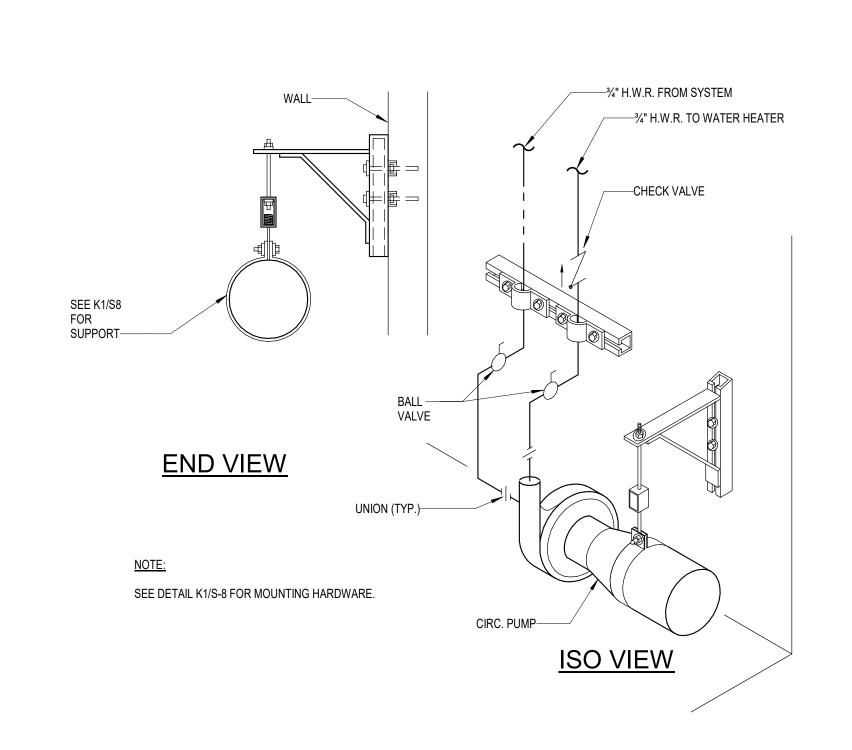


OVERFLOW DRAIN THRU EXTERIOR WALL SCALE: NONE

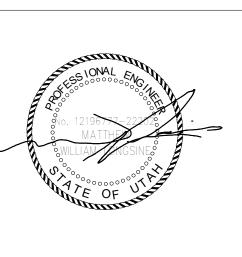


GENERAL NOTES:
 THE HOT WATER RETURN SYSTEM IS DESIGNED TO PROVIDE A 10 DEG. F. TEMPERATURE DIFFERENTIAL FROM THE HOT WATER STORAGE TANK OUTLET OR MIXING VALVE TO THE INLET SIDE OF THE HOT WATER RETURN PUMP. REFER TO DRAWING AND SPECIFICATIONS FOR TEMPERATURE SETTINGS.
 THE HOT WATER RETURN SYSTEM SHALL BE BALANCED IN ACCORDANCE WITH THE REQUIREMENTS PROVIDED IN THE DRAWINGS.

2 HW CIRCULATION PUMP WIRING W AQUASTAT SCALE: NONE



1 HOT WATER CIRCULATION PUMP MOUNTING
SCALE: NONE



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UISON KUNDIG

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principal architect

principal architect

project manager

drawn by

checked by GM

job no. 2021-0595

date 11/18/2022

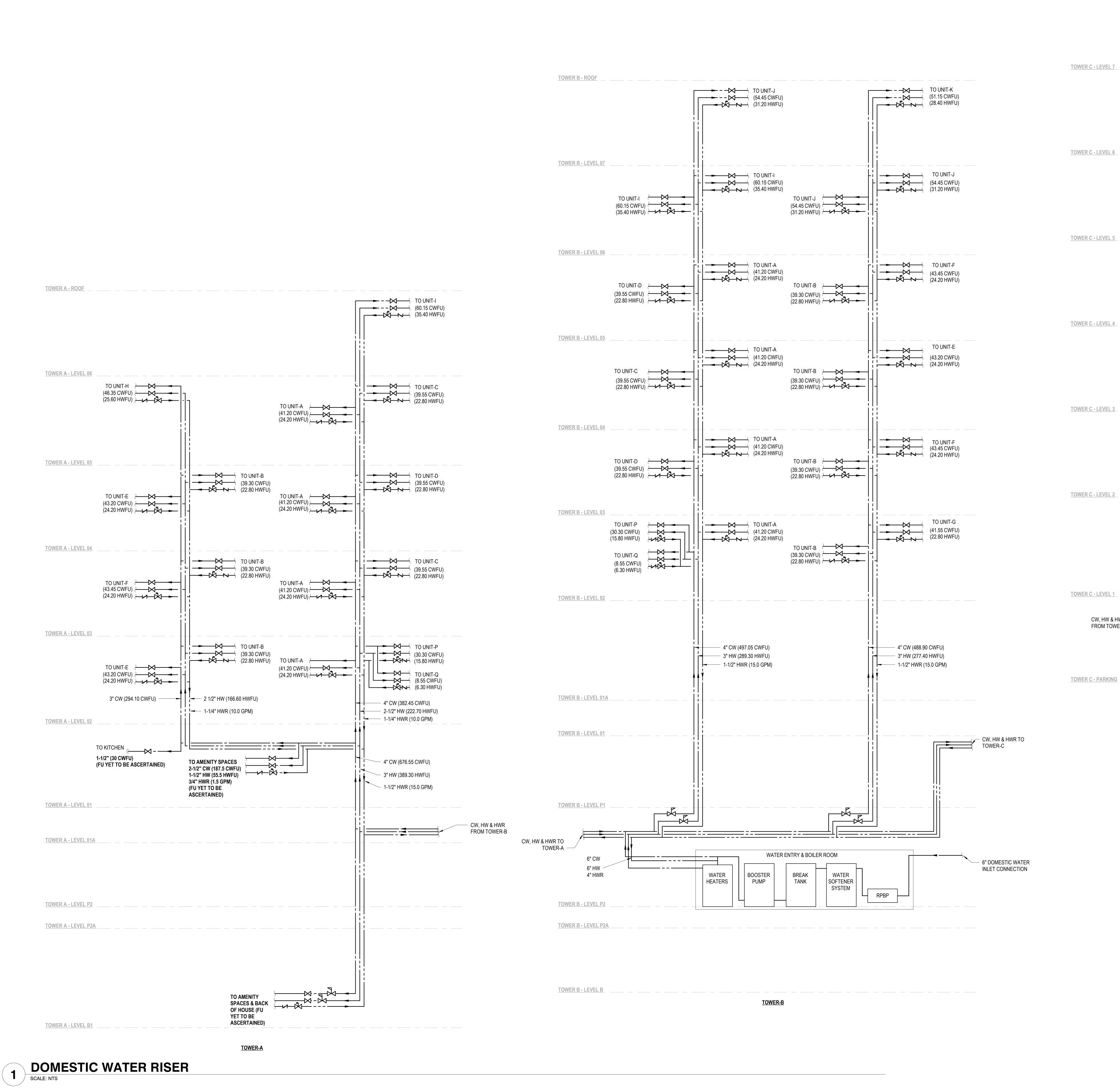
revisions:

1 10/05/202 PERMIT 2 RESUBMITTAL

no. date

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P6.03



Reserved for permit stamp TOWER C - LEVEL 8 (50.10 CWFU) (29.60 HWFU) TO UNIT-N (51.10 CWFU) (29.60 HWFU) dig TO UNIT-M (50.10 CWFU) (29.60 HWFU) TO UNIT-M (50.10 CWFU) (29.60 HWFU) TO UNIT-N (51.10 CWFU) (29.60 HWFU) TO UNIT-N (51.10 CWFU) (29.60 HWFU) **ASPEN** GROUP TO UNIT-M (50.10 CWFU) (29.60 HWFU) Aspen Group USA, LLC PO Box 980022 Park City, Utah 84098 TO UNIT-M (50.10 CWFU) (29.60 HWFU) TO UNIT-N (51.10 CWFU) (29.60 HWFU) Pool Consultant
Cloward H20 2696 N University Ave, Suite 290 Provo, UT 84604 <u>Landscape Architect</u> **EPG Design**6949 South High Tech Drive, Suite 100
Midvale, Utah 84047 (45.35 CWFU) (26.10 HWFU) TO UNIT-M (50.10 CWFU) (29.60 HWFU) Specifications Writer Friday Group 88 Mainelli Road Middlebury, VT Code Consultant Holmes 600 1st Avenue, Suite 200A Seattle, WA 98104 TO UNIT-R (8.55 CWFU) (6.30 HWFU) TO UNIT-R (8.55 CWFU) (6.30 HWFU) Fire Protection Engineer
Jensen Hughes
One Research Drive, Suite 305C
Westborough, MA 01581 TO AMENITY SPACES TO UNIT-R (8.55 CWFU) (6.30 HWFU) (25 CWFU) (5 HWFU) TO UNIT-R (8.55 CWFU) (6.30 HWFU) Vertical Transportation Consulatant Lerch Bates 19515 North Creek Parkway, Suite 304 Bothell, WA 98011 (FU YET TO BE **ASCERTAINED**) - 4" CW (686.80 CWFU) - 3" HW (405.30 HWFU) --- 1-1/2" HWR (15.0 GPM) Structural Engineer

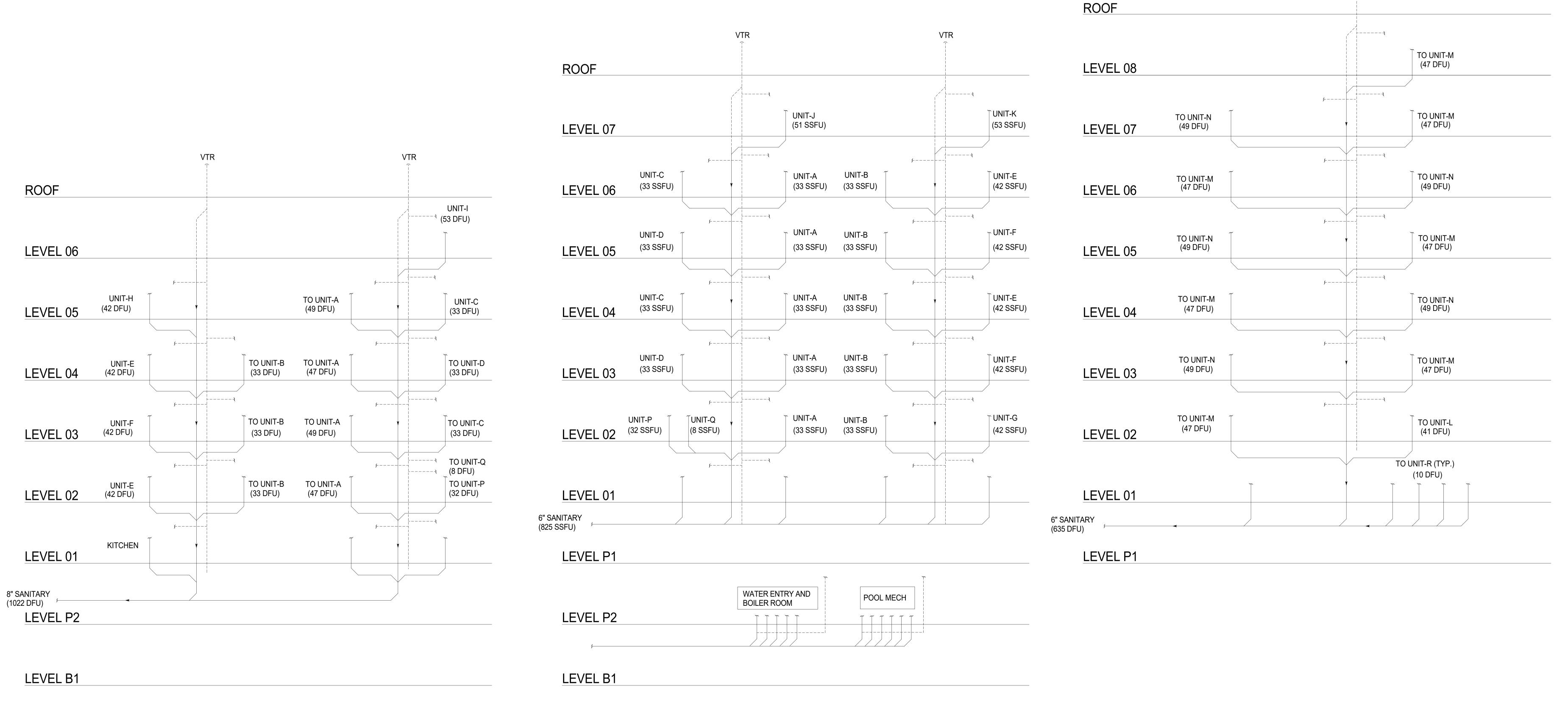
Magnusson Klemencic Associates
1301 5th Ave, Suite 3200
Seattle, WA 98101 CW, HW & HWR FROM TOWER-B — Lighting Designer 1319 SE MLK Blvd, Suite 210 Portland, Oregon 97219 Building Envelope Consultant RDH 2101 N 34th St Seattle, WA 98103 Accessibility Consultant
Studio Pacifica 2144 Westlake Ave N, Suite F Seattle, WA 98109 MEP Engineer
WSP USA
1001 Fourth Ave., Suite 3100
Seattle, WA 98154 principal architect_ checked by <u>Checker</u> job no. 2021-0595 date 11/18/2022 no. date ISSUE FOR CONSTRUCTION 11/18/2022 DOMESTIC WATER RISER DIAGRAM

P7.01

TO UNIT-O (51.15 CWFU) (28.40 HWFU)

TOWER C - ROOF

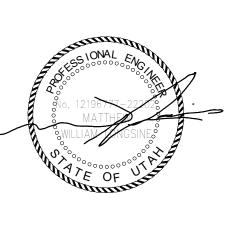
NOTE: SANITARY AND VENT STACKS WILL UNDERGO DIVERSIONS IF THE TYPICAL UNIT PLANS ARE NOT STACKED BETWEEN CONSECUTIVE LEVELS.



TOWER-A TOWER-B

SANITARY RISER

SCALE: 6" = 1'-0"



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Sommer: Sommer Sommer: Sommer:

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principal architect ______
project manager _____
drawn by _____

checked by __Checker ____
job no. __2021-0595
date _____11/18/2022
revisions:

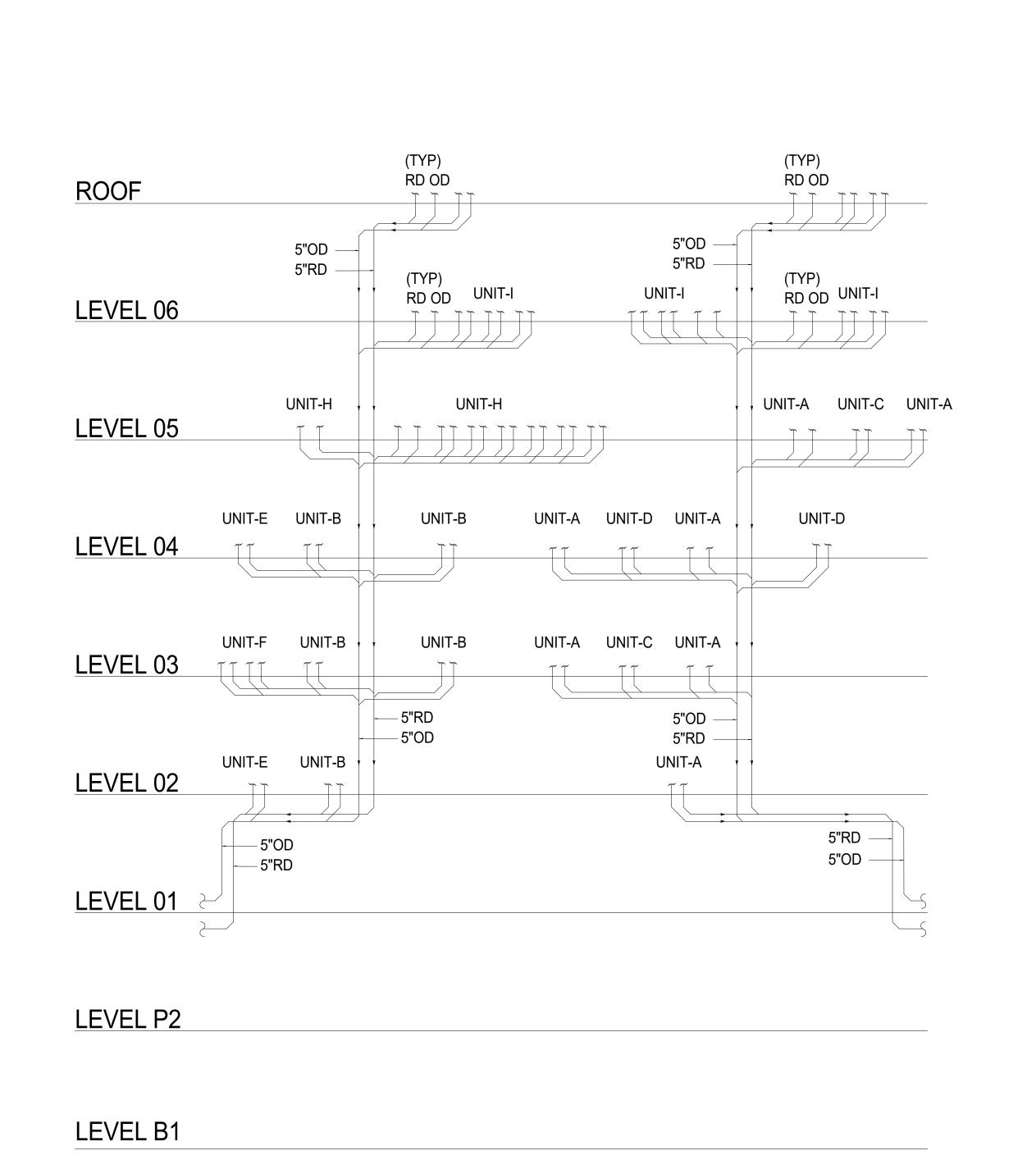
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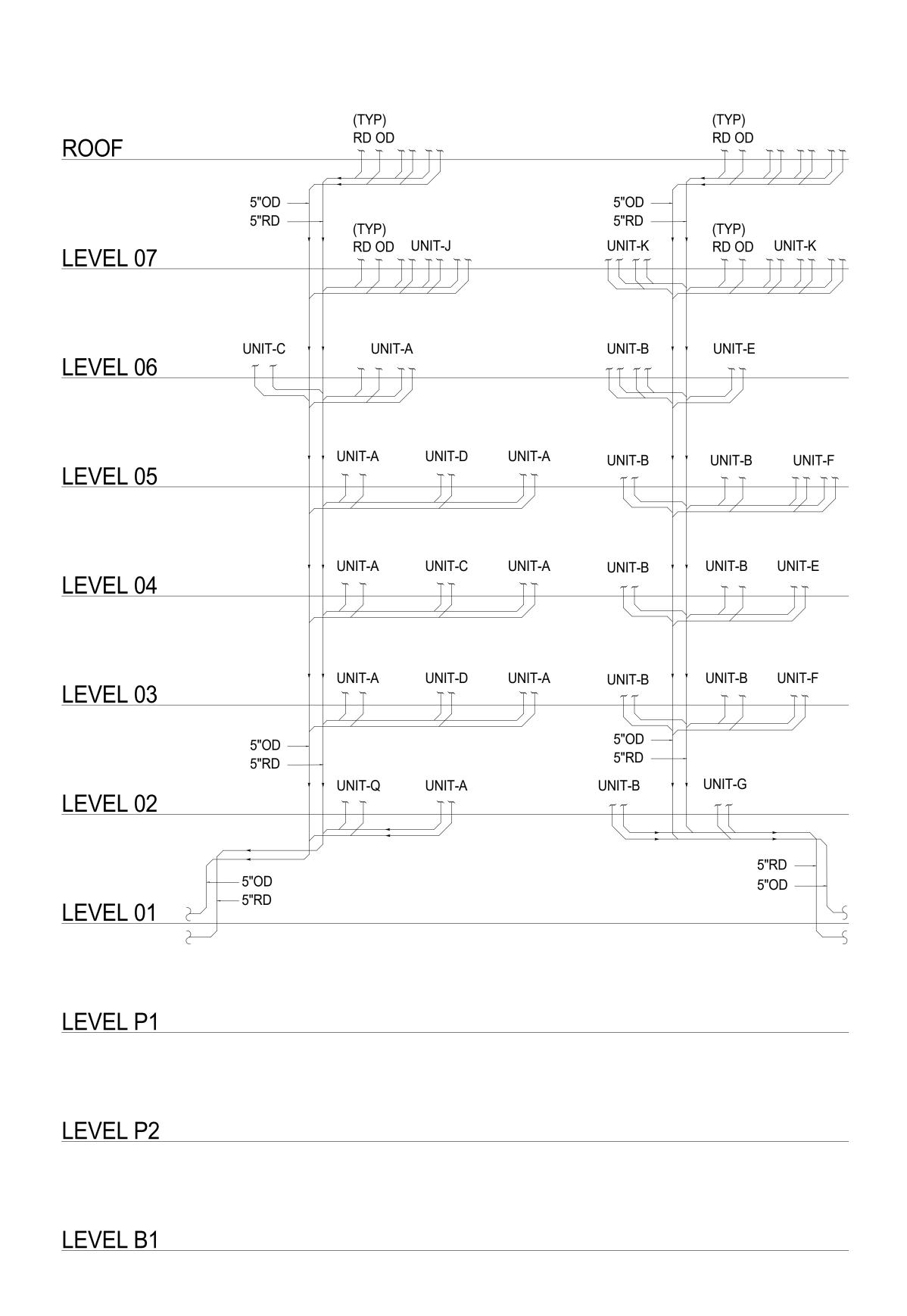
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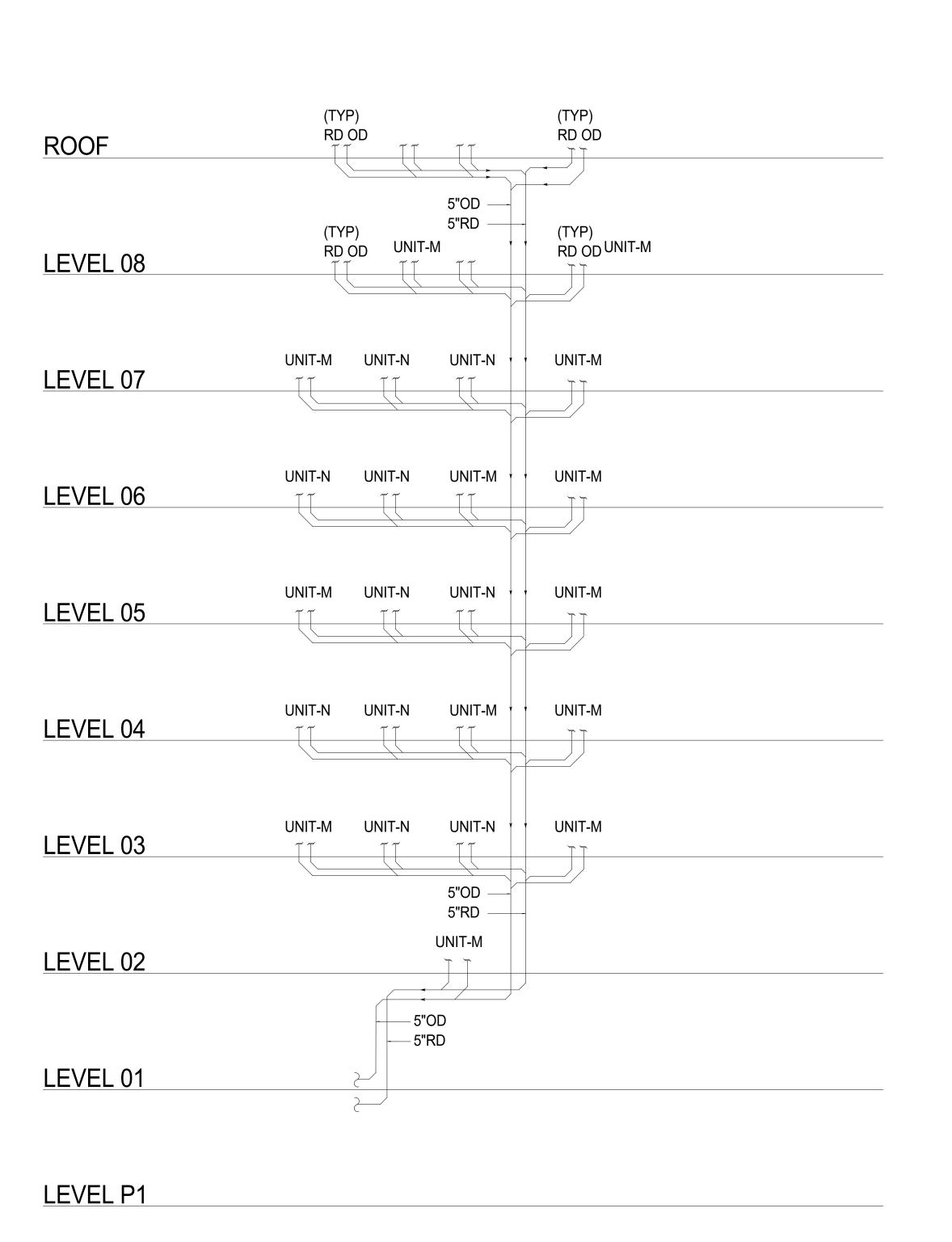
no. date

SANITARY RISER DIAGRAM

P7.02







<u>TOWER-B</u> <u>TOWER-B</u>



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Seattle, WA 98154 principal architect_ checked by <u>Checker</u>

> job no. 2021-0595 date 11/18/2022

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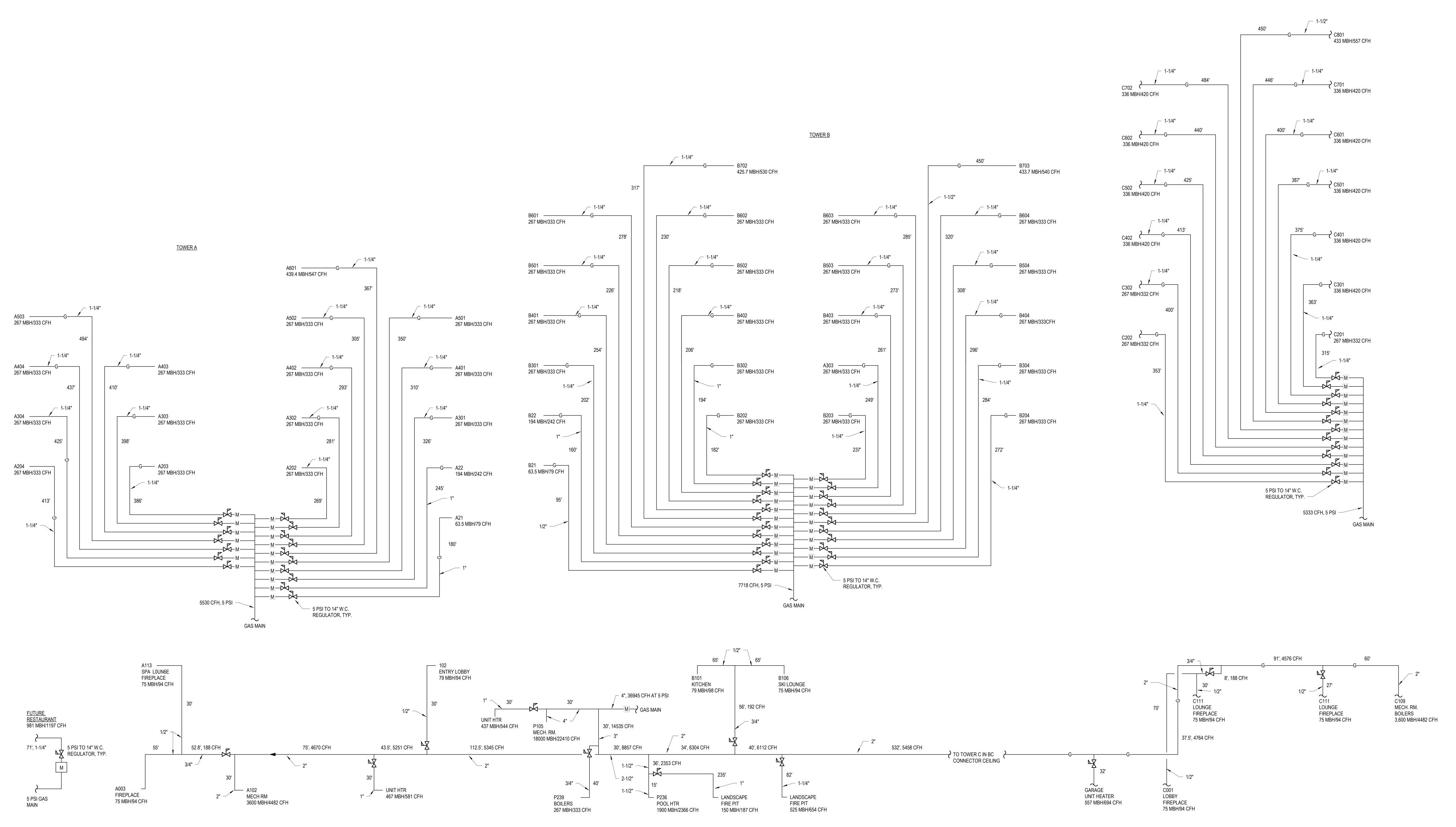
STORM RISER DIAGRAM

P7.03

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No. 1219677-222022 MATTHE OWNLIAM MGSINE

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GAS RISER DIAGRAM
P7.04

1 GAS RISER
SCALE: NTS